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Public Works (1896) Department.

G.O., No. 710 I.

DATED 19 August 1896

[Despatch Abstract.]

[...]ks: Approving with remarks the proposals of the Supdtg: Engineer relative to the retention of some [b]anks and the abandonment of others under the [in]fluence of the Perjar main Channel.

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IRRIGATION.

Government {1896} of Madras.

PUBLIC WORKS.

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G.O., No. 710 I., 19th August 1896.

AUGUST.

Tanks

Approving, with remarks, the proposals of the Superintending Engineer relative to the retention of some — and the abandonment of others under the influence of the Periyár main channel.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

Read—the following papers:—

From W. HUGHES, Esq., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 29th May 1896, No. 580 M.D.

It has become necessary to lay down some definite rule for the classification of estimates for works affected but not entirely superseded by the Periyár works. Hitherto, in the case of tanks through which the main canal passes, estimates for the repair of such tanks, for the reconstruction of sluices in them or construction of sluices in lieu of cuts or pot-sluices have been carried out from Provincial Irrigation funds. You approved of this classification in your No. VI—6 P.R., dated 3rd September 1892, in a particular case referred to you and your orders have been held to apply to all similar cases.

2. Of the 1,000 and odd tanks in the area affected by the project, probably one-fourth will be retained. In connection with the tanks to be abandoned since the bunds cannot be cut through and drainage allowed to pass over the irrigated land, the surplus works will have to be breached and the outfall channels deepened or in some other way the tank beds laid partly dry and made available for cultivation. Should the expense of this be charged to the project?

3. In the case of tanks to be retained it has to be considered that the present supply of these tanks is being interfered with as little as possible and in most cases it will be improved by the abandonment of the small tanks in their drainage basins. The Periyár water will supplement the supply as far as required and there will therefore be some extension of irrigation under the tanks. Also as the supply will be more certain the assessment will be raised, except in the case of some tanks now supplied from the river, and the increase of assessment credited to the project. On the other hand it does not seem right to charge the project with the cost of putting in order all these tanks which, except the more important ones affecting the safety of the South Indian Railway, have been systematically neglected for many years under the idea that they would be all or nearly all abandoned. I hope to submit very shortly a list of tanks in the Madura taluk which it is considered advisable to retain, and if possible I shall get a rough estimate of the probable cost of putting them in order. I think these tanks should be put into thorough order from Provincial funds by grants made from time to time as it is found practicable to take up the work.

Memo. No. VI—17 P.R.

With reference to letter No. 580 M.D., dated 29th May 1896, from the Superintending Engineer, VI Circle, the undersigned has the honour to say that as the estimates sanctioned for the Periyár Project do not provide for the restoration of the tanks which it is intended to retain under the project it seems necessary that their restoration should be carried out from Provincial funds under 43. Minor works and

Navigation. But before deciding finally on the incidence of the expenditure, the Superintending Engineer is requested to report the probable cost of restoring the tanks, their present and anticipated revenue.

2. It has been decided in the case of the Rushikulya project that the cost of draining tank beds to fit them for cultivation should be debited to "Land Revenue" and the same course will have to be adopted also in the case of the Periyár project.

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

8th June 1896.

From W. HUGHES, Esq., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 22nd July 1896, No. 854 M.D.

As promised in my letter No. 580 M.D., dated 29th May 1896, I have the honour to submit, for approval, a list of tanks commanded by the Periyár main canal* in Madura taluk with proposals for retaining or abandoning them.

2. While so little is known of the capabilities of the Periyár lake in a bad monsoon, it would be very rash to give up any tanks which can be economically maintained. Even after a good monsoon in which it may be expected that the lake will receive a large supply up to early in December, it is very doubtful whether there would be a full supply for the irrigable area for more than two months after the cessation of the monsoon rains. Under such circumstances the water previously stored in the plains would be of great assistance in bringing the crops to maturity. The full demand in the north-east monsoon is taken by Colonel Pennycuick at 1,000 cubic feet per second, but this quantity cannot be given when the lake falls below level 121. It will certainly pay to economise the Periyár water which, if it can be properly utilized, should be worth at least Rs. 20 per million cubic feet. Keeping this in view, the selection of the tanks to be maintained has been so made that all ordinary rainfall drainage will be caught up. The tanks to be given up will as a rule be those which are small and shallow and in which a great proportion of the supply would be lost by evaporation. In exceptional cases, tanks which might otherwise be given up are recommended to be retained when they are required as flood regulators or as distributing reservoirs. If it is found that too many tanks are retained, it will always be possible to give up some.

3. Of the 231 tanks in the list is proposed to keep 80. The remaining 151 irrigate only 5,858 acres and have an area of 3,189 acres, of which something over 2,000 acres will become available for cultivation. The loss of storage by the abandonment of these tanks is roughly estimated at 16 per cent., but this will be in great measure recouped by the drainage going more directly to the larger tanks instead of being intercepted as now by small tanks.

4. The outlines of the present wet land have not been correctly drawn on the irrigation map. From the papers printed with G.O., No. 153 of 15th February 1892, it would appear that the occupied and unoccupied dry lands (waste and tank bed poramboke being excluded) are of nearly equal extent with the wet land.

5. From the experience of this year when the Periyár lake remained at the same level from 20th February to the middle of June it is clear that we cannot safely calculate on any supply in the hot weather and if water is to be supplied for seed beds in May it is a matter for serious consideration whether it will not have to be made a rule to reserve a certain quantity of water in the lake. It appears to me that if cultivation is not begun in May, the ryots will have a difficulty in getting their first crop reaped before the north-east monsoon rains. For some years to come there will be no difficulty (unless when the monsoon fails), but in the future when the irrigation has extended it will be very advisable to have the means of sparing the Periyár water during the first three months of the year. The tanks in the Madura taluk would then be of great assistance and of the more importance as it is now thought that it will not be found advisable to keep more than 30 of the Mélúr tanks which are nearly all very small and shallow.

ENCLOSURE.

PERIYAR PROJECT.

STATEMENT containing proposals for abandoning or maintaining Periyár affected tanks, Madura taluk.

—	Name of village.	Name of tank.	Tanks to be maintained or left as it is. Wet ayacut.	Tanks to be maintained or left as it is. Revenue.	Tanks to be abandoned. Ayacut.	Tanks to be abandoned. Revenue.	Area of water-spread. Acres.	Area of water-spread. Cents.	Depth of water above sill level to F.T.L.	Approximate capacity of tanks in millions. Maintained or left as it is.	Approximate capacity of tanks in millions. Abandoned.	Means to irrigate the lands under the tank.	State of bund of tanks.	Remarks.
			ACS.	RS.	ACS.	RS.								
1	Karuputty ..	Poolamadai	..	..	96	606	36	..	3·3	..	1·72	By sluice in Vadagarai channel.	Bad ..	To be abandoned.
2	Do. ..	Odaikulam	..	..	49	355	21	..	3·0	..	0·91		..	Do.
3	Do. ..	Kurupattikulam	..	..	24	175	11	..	3·5	..	0·5		..	Do.
4	Irumbalai ..	Pudukulam	..	..	41	284	20	..	7·8	..	2·27		..	Do.
5	Do. ..	Mandaikulam	..	..	62	398	14	..	6·0	..	1·22		..	Do.
6	Neerathan ..	Rengasamudram	..	..	80	265	30	..	8·22 & 8·1	..	3·58	By sluice in the main channel.	Good ..	Do.
7	Do. ..	Periyakulam	..	..	208	860	101	..	5·02, 7·35, 8·3 & 8·46	..	12·39		..	Do.
8	Do. ..	Pudukulam	..	..	85	346	70	..	8·46 & 7·67	..	7·79	By No. 7 tank	..	Do.
9	Do. ..	Sellikulam and Pudukulam.*	..	..	22	77	..	..	..	..	..	....	..	Do.
10	Sholavandan-pettai, Sala-kurichy.	Vadagarai Kammoy ..	2,294	15,570	..	..	748	..	5·68, 6·87, 18·28, 16·48, 17·90, 9·41, 15·64 & 17·02	241·55	..	By Vadagarai channel and first branch channel.	Bund good, except in 3 places at centre	To be maintained.
11	Kottakolam ..	Periyakulam	503	2,370	..	..	246	..	11·65, 9·27 & 15·46	56·01	..	By second branch channel ..	Good ..	Do.
12	Do. ..	Somarasankulam or Sinna Kammoy.	..	..	125	621	11	..	6·08	..	0·97	Through No. 11, Peria Kammoy.	..	To be abandoned.
13	Nedunkulam ..	Pudukulam	108	454	..	..	51	..	3·64 & 3·62	6·42	..	Through Vadagarai No. 11, Periyakulam tank.	..	To be left as it is.
14	Do. ..	Periyakulam	152	542	..	..			6·86, 6·87 & 6·25			First branch channel, if restored.	..	To be maintained.
15	Do. ..	Rayappasamykulam ..	9	19	..	..	..	..	8·2	..	..	No means, as they are between zamindari and devastanam lands.	Bad ..	To be left as it is.
16	Do. ..	Tamarikulam	9	18	..	..	13	59	7·0	1·38	..		Do. ..	
17	Thiruvadagam.	Kakkakulam	..	..	10	26	6	69	3·0	..	0·29	By first branch channel ..	Do. ..	To be abandoned.
18	Thenoor ..	Pudukulam	21	65	..	..	40	..	4·3	2·49	..	No means of irrigating the ayacut.	Do. ..	To be maintained.
19	Do. ..	Periyakulam	449	2,526	..	..	198	..	6·13, 7·3 & 5·3	20·96	..	Vadagarai tank first branch channel, Corambu channel.	Bad at flank.	Do.
20	Thodaneri ..	Peria Kammoy	489	1,620	..	..	254	..	7·66, 8·66 & 8·36	31·89	..	By No. 19 tank	Good ..	Do.
21	Samayanallúr ..	Potta Kammoy	17·83	57	..	..	..	..	3·92	3·24	..	Corambu channel	Do. ..	To be left as it is.
22	Do. ..	Arsangulam	97	523	..	..	112	..	6·08, 6·86 & 7·60	12·34	..	No. 19 tank	Do. ..	To be maintained.
23	Paravai ..	Vangulam	..	..	108	270	27	..	5·94	..	2·33	Nos. 19 and 20 tanks ..	Bad ..	To be abandoned.
24	Do. ..	Peria Kammoy	385	1,720	..	..	356	..	8·5, 14·52 & 11·48	74·95	..	Nos. 22 and 20 tanks and Corambu channel.	Good ..	To be maintained.
25	Do. ..	Vannankulam*	..	..	19	46	15	..	4·5	..	0·98	Through No. 24	Bad ..	To be abandoned.
26	Sinnayelanda-kulam.	Kodankulam	..	..	36	161	7	..	6·98	..	0·71	Sluice at 16 miles 7 furlongs.	Good ..	Do.

Statement containing proposals for abandoning or maintaining Periyár affected tanks, Madura taluk—*cont.*

—	Name of village.	Name of tank.	Tanks to be maintained or left as it is.		Tanks to be abandoned.		Area of water-spread.		Depth of water above sill level to F.T.L.	Approximate capacity of tanks in millions.		Means to irrigate the lands under the tank.	State of bund of tanks.	Remarks.
			Wet ayacut.	Revenue.	Ayacut.	Revenue.	Acres.	Cents.		Maintained or left as it is.	Abandoned.			
			ACS.	RS.	ACS.	RS.								—
27	Sinnayelandakulam.	Vattamaniakarunkulam ..	..	..	38	132	30	..	7·97	..	3·47	Sluice at 16 miles 7 furlongs..	Bad ..	To be abandoned.
28	Do. ..	Sinnammakulam ..	..	..	29	104	17	..	6·18	..	1·53	Do. do.	..	Do.
29	Kallinelipatty..	Iraniammakulam ..	..	..	50	174	44	..	5·15	..	3·29	Sluice at 15 miles ..	..	Do.
30	Athalai ..	Athalai tank ..	230	976	..	..	107	..	10·9 & 11·04	17·13	..	By third branch channel ..	Good ..	To be maintained.
31	Pothoombu ..	Pothoombu Mela Kammoy.	230	722	..	..	79	..	9·35 & 5·35	10·71	..	Athalai tank ..	Do. ..	Do.
32	Do. ..	Do. Keela do.	177	1,025	..	..	171	..	9·32, 9·82 & 6·97	24·35	..	By fourth branch channel ..	Bad ..	Do.
33	Koilpapagoody.	Papagoody Sinna Kammoy.	..	..	186	831	111	..	5·75 & 7·25	..	11·67	Pothoombu Keela Kammoy ..	Do. ..	To be abandoned.
34	Do. ..	Do. Periya do.	329	1,517	..	..	148	..	9·66 & 8·66	20·73	..	Athalai tank ..	Do. ..	To be maintained.
35	Sallyaneri ..	Sallyaneri tank ..	178	629	..	..	91	..	8·66, 5 & 10	13·20	..	Pothoombu Keela Kammoy ..	Do. ..	Do.
36	Vilangudi ..	Kariselkulam ..	..	..	129	373	62	..	5·75 & 4·75	..	5·17	Do. do. ..	Good ..	To be abandoned.
37	Do. ..	Periyakulam ..	284	968	..	..	128	..	5, 2·6, 6·72 & 7·8	14·48	..	Papagoody Peria Kammoy and Paravai tank.	Do. ..	To be maintained.
38	Do. ..	Shhankulam ..	55	210	..	..	13	..	5·16	0·98	..	Vilangudi-Periyakulam and Corambu channel by river.	Do. ..	To be left as it is.
39	Kallavai ..	Kallavai east tank ..	..	..	153	467	83 (39 and 40)	..	8·5	..	8·42 (39 and 40)	By sluice in main channel and by fourth branch channel. (39 and 40)	Bad ..	To be abandoned as tank bed is mostly patta land.
40	Do. ..	Do. west tank ..	..	..	141	313			4·5, 7 & 6	..				
41	Do. ..	Peekulam or Pudukulam ..	..	..	21	41	5	..	4	..	0·29	By fourth branch channel ..	Do. ..	To be abandoned.
42	Do. ..	Kasaneri ..	..	..	46	101	43	..	4·4	..	2·75	Third and fourth branch channels.	..	Do.
43	Do. ..	Malyannan Oorany ..	..	..	16	33	10	..	3	..	0·43	By sluice in main channel ..	Bad ..	Do.
44	Do. ..	Chinna Oorany * ..	..	..	3	..	..	..	..	..	..	....	..	Do.
45	Kumaram ..	Kumaram tank ..	86	309	..	..	61	..	6·7	5·93	..	Fourth branch channel ..	Good ..	To be maintained.
46	Kammalapatty.	Kammalapatty tank ..	..	..	103	312	13	..	7·5	..	1·43	Sluice in main channel ..	Do. ..	To be abandoned.
47	Thandalai ..	Thandalai Kammoy ..	263	1,408	..	..	120	..	8·2 & 11·75	20·45	..	Thandalai offtake ..	Do. ..	To be maintained.
48	Maniangi ..	Maniangi tank ..	..	..	73	210	23	..	9	..	3·00	Fourth branch channel ..	..	To be abandoned.
49	Poodagudi ..	Poodagudi tank ..	243	1,406	..	..	134	..	7·10 & 5	19·43	..	Fourth branch channel and Thandalai offtake.	Good ..	To be maintained.
50	Mulakaranai ..	Mulakaranai Kammoy ..	..	..	81	260	63	..	7	..	6·40	Fourth branch channel ..	Bad ..	To be abandoned.
51	Anaiyur ..	Anaiyur Kammoy ..	124	548	..	..	140	8	9	18·37	..	Fourth branch channel through No. 35.	Good ..	To be maintained.
52	Do. ..	Kollangulam ..	..	..	43	146	31	11	4 & 3·5	..	1·81	Thandalai offtake and Anaiyur tank. (52 and 53)	Do. ..	To be abandoned.
53	Do. ..	Kosakulam ..	..	..	47	227	48	..	4, 6 & 4·5	..	4·18		Do. ..	Do.
54	Do. ..	Pudukulam ..	..	..	..	..	18	..	4	..	1·04	Mayúr tank .. (54 to 56)	Do. ..	Do.
55	Do. ..	Mudakattangulam ..	..	..	29	73	18	..	5·5	..	1·44		Do. ..	Do.
56	Do. ..	Chinna Kammoy ..	..	..	..	..	6	..	4	..	0·35		Do. ..	Do
57	Thathaneri ..	Thathaneri tank ..	355	992	..	..	153	..	5, 7·5 & 6·5	16·64	..	Vilangudi and Anaiyur tanks	Do. ..	To be maintained.
58	Sellur ..	Sellur Kammoy ..	185	945	..	..	117	..	3, 7 & 8·6	14·59	..	Thathaneri Corambu channel by Vaigai.	Do. ..	Do.

59	Kulamangolam.	Kulamangolam Kammoy ..	242	1,043	..	..	128	..	7·5 & 8·75	16·24	..	Thandalai tank and offtake ..	Do. ..	Do.
60	Do. ..	Periya Elambur	..	..	78	240	34	..	3	..	1·48	Kulamangolam and Thandalai offtake.	Bad ..	To be abandoned.
61	Do. ..	Sinna do.	..	..	32	79	27	..	5	..	1·96	Do. do. ..	Do. ..	Do.
62	Do. ..	Arasapillai Endal * ..	..	..	2	4	7	..	3	..	0·30	Do. do. ..	Do. ..	Do.
63	Pechikulam ..	Pechikulam	..	..	52	118	43	..	4, 5 & 5·5	..	3·43	Thandalai offtake	Do. ..	Do.
64	Do. ..	Poosarikothankulam * ..	..	..	5	9	8	..	3·5	..	0·41	Do.	Do. ..	Do.
65	Do. ..	Pidaran Oorany * ..	..	..	2	4	4	..	4	..	0·23	Do.	Do. ..	Do.
66	Karunanur ..	Periyakulam	215	760	..	..	94	..	6 & 8·5	11·59	..	Fifth branch channel ..	Do. ..	To be maintained.
67	Do. ..	Chinna Kammoy ..	..	..	63	222	32	..	5 & 6·5	..	2·76	Periyakulam	Do. ..	To be abandoned.
68	Therkupattiyam-patti.	Thenithangulam ..	..	..	38	67	25	..	8	..	2·90	Proposed new sluice at 22 miles.	Good ..	Do.
69	Do. ..	Vilathiakundukulam * ..	..	..	14	..	..	..	..	..	..	....	..	Do.
70	Do. ..	Pungangulam	..	..	50	146	35	..	8	..	4·06	Proposed new sluice at 22 miles.	Bad ..	Do.
71	Do. ..	Vannankulam	..	..	28	56	27	..	4	..	1·57	Do. ..	Do. ..	Do.
72	Velichinatham.	Nayammakulam	..	..	53	119	23	..	4	..	1·34	Vadarkulam and sixth branch channel.	Do. ..	Do.
73	Do. ..	Puliyangulam	..	..	43	87	25	..	6	..	2·18	Sixth branch channel ..	Do. ..	Do.
74	Do. ..	Meenatchipuram Kammoy.	..	..	58	116	23	..	7	..	2·34	Do. ..	Do. ..	Do.
75	Do. ..	Sammugam Pillaikulam * ..	..	..	2	..	..	..	..	..	..	....	..	Do.
76	Do. ..	Kavanur tank	168	445	..	..	44	..	5·5 & 8	5·10	..	Sixth branch channel ..	Bad ..	To be maintained.
77	Mandikulam ..	Mandikulam	..	..	120	305	32	..	3·5 & 5·5	..	2·56	Kananur tank	Do. ..	To be abandoned.
78	Do. ..	Palayampattikulam ..	..	..	31	77	39	..	6·5	..	3·68	Do.	Do. ..	Do.
79	Koolapandy ..	Pudukulam	110	269	..	..	43	..	5·5	3·12	..	Karuvanur-Periyakulam ..	Do. ..	To be maintained.
80	Do. ..	Sakkarapondi	37	124	..	..	30	..	5 & 85	3·70	..	Do. ..	Do. ..	Do. Nos. 79 & 80 to be made into one.
81	Settikulam ..	Sambankudikulam ..	..	..	47	118	24	..	5 & 4·5	..	1·74	Vidathakulam	Do. ..	To be abandoned.
82	Do. ..	Vidathakulam	107	291	..	..	84	..	9	10·96	..	Fifth branch channel ..	Do. ..	To be maintained.
83	Do. ..	Settikulam	..	..	13	58	42	..	5·4	..	3·05	Do.	Do. ..	To be abandoned.
84	Sathrathondam-patty.	Komalaikulam	..	..	11	22	9	..	4·5	..	0·59	Sixth branch channel ..	Do. ..	Do.
85	Do. ..	Konankulam	..	..	27	55	7	..	4, 4 & 3·5	..	0·41	Do. ..	Do. ..	Do.
86	Chinnapatty ..	Pudukulam *	..	..	22	55	5	..	3	..	0·22	Do. ..	Do. ..	Do.
87	Do. ..	Narayanakudikulam ..	..	..	74	213	20	..	7 & 7·9	..	2·61	Do. ..	Do. ..	Do.
88	Do. ..	Surakudi Kammoy ..	..	..	19	37	7	..	3·5	..	0·35	Proposed new sluice at 25 miles 1 furlong.	Do. ..	Do.
89	Periyapatty ..	Kangaram Kammoy ..	..	..	47	118	31	..	6·6	..	2·97	Sixth branch channel ..	Good ..	Do.
90	Do. ..	Pudukulam *	..	..	3	10	1	..	3	..	0·04	Do. ..	Do. ..	Do.
91	Parapatty ..	Parapatty Kammoy ..	35	87	..	..	19	..	7	1·93	..	Do. ..	Do. ..	} To be maintained. One tank.
92	Do. ..	Pudukulam	124	345	..	..	65	..	4, 6 & 3·5	5·66	..	Do. ..	Do. ..	}
93	Erukalanathan.	Erukalanathan	..	..	72	172	36	..	5 & 7·5	..	3·92	Parapatty-Pudukulam ..	Do. ..	To be abandoned.
94	Usilampatti ..	Usilampatti tank ..	..	..	59	149	33	..	4, 6, 6 & 5	..	2·87	Sixth branch channel ..	Do. ..	Do.
95	Kodimangalam.	Kodimangalam Kammoy ..	114	382	..	..	77	..	5 & 7·6	7 82	..	Do. ..	..	To be maintained.
96	Mangampatty..	Sinnakulam	..	..	..	..	16	22	4·1 & 3·54	..	0·96	Proposed new sluice at 25 miles 1 furlong.	Bad ..	To be abandoned.
97	Do. ..	Periyakulam	..	..	120	366	16	13	6·8 & 2·97	..	1·59	Do. do. ..	Do. ..	Do.
98	Do. ..	Peria Kammoy	..	..	..	..	10	..	6·28 & 2·28	..	0·91	Mambet	Do. ..	Do.
99	Do. ..	Paraokankulam	..	..	17	..	10	50	2·42, 3 & 1·6	..	0·46	Do.	Do. ..	Do.
100	Marudankulam.	Audanerikulam	71	142	..	..	69	..	3, 5 & 3·4	5·00	..	No means of irrigation ..	Do. ..	To be left as it is.
101	Do. ..	Maruthankulam	37	154	..	..	93	..	3·5	4·72	..	Do. ..	Do. ..	Do.
102	Do. ..	Vangolam	10	25	..	..	27	..	8·5 & 5	2·15	..	Do. ..	Do. ..	Do.
103	Do. ..	Kodikulam	74	241	..	..	82	..	5·00	5·94	..	Do. ..	Do. ..	To be maintained.

Statement containing proposals for abandoning or maintaining Periyár affected tanks, Madura taluk—*cont.*

—	Name of village.	Name of tank.	Tanks to be maintained or left as it is.		Tanks to be abandoned.		Area of water-spread.		Depth of water above sill level to F.T.L.	Approximate capacity of tanks in millions.		Means to irrigate the lands under the tank.	State of bund of tanks.	Remarks.
			Wet ayacut.	Revenue.	Ayacut.	Revenue.	Acres.	Cents.		Maintained or left as it is.	Abandoned.			
			ACS.	RS.	ACS.	RS.								
104	Thallakulam ..	Sembaikulam	17	44	..	..	27	..	4	1·57	..	No means of irrigation ..	Bad ..	To be left as it is.
105	Do. ..	Numnaperichi tank ..	..	..	36	72	30	..	4	..	1·74	Thirupalai offtake	..	To be abandoned.
106	Do. ..	Thirolanath Kammoy ..	..	..	9	19	33	..	5	..	2·39	Do.	Bad ..	Do.
107	Do. ..	Pudu Kammoy	..	..	28	57	46	..	5	..	3·34	Do.	Do. ..	Do.
108	Do. ..	Puppakulam	..	..	9	20	50	..	4·5, 5	..	3·63	Do.	Do. ..	Do.
109	Do. ..	Kosakulam	..	..	45	108	62	..	5 & 4·5	..	4·50	Do. and Thandalai offtake.	Do. ..	Do.
110	Do. ..	Kallukulam	..	..	14	44	9	..	4	..	0·52	Thandalai offtake	..	Do.
111	Do. ..	Podarambu	..	..	..	..	..	..	..	..	..	Do.	..	Do.
112	Do. ..	Mahabali Oorany ..	5	..	..	..	14	..	..	..	..	Do.	..	..
113	Do. ..	Sengulam tank	..	..	43	49	86	..	5	..	3·55	Do.	Bad ..	To be abandoned.
114	Do. ..	Valayankulam	..	..	..	..	..	..	..	..	..	....	..	Do.
115	Do. ..	Thaliakulam	91	298	..	..	77	..	6·00	6·69	..	Thandalai offtake	Good ..	To be maintained.
116	Managiri ..	Managiri	95	465	..	..	49	..	6·5, 7 & 4·5	4·97	..	Thallakulam and Corambu channel.	..	To be left as it is.
117	Thallakulam ..	Four other small tanks ..	..	..	..	..	..	..	..	..	..	....	..	To be abandoned.
121	Kallandiri ..	Kannimarkulam	48	167	..	..	17	32	5, 4·6 & 3·1	1·26	..	7th branch channel ..	Good ..	To be left as it is.
122	Do. ..	Kalkulam	..	..	30	89	11	69	5·05 & 3·31	..	0·86	Do.	Bad ..	To be abandoned.
123	Do. ..	Sinnawandur	..	..	26	90	16	85	3·8 & 2·1	..	0·93	Sluice in Thallakulam tank ..	Do. ..	Do.
124	Do. ..	Peria Amandur	89	311	..	..	33	23	5·1, 4·8 & 7·1 6·8 & 2·85	3·42	..	7th branch channel ..	Good ..	To be left as it is.
125	Do. ..	Pillayarkulam	..	..	31	108	7	60	3·5, 5·2 & 3·7	..	0·57	Periawandur tank	Do. ..	To be abandoned.
126	Do. ..	Kullandirikulam ..	..	..	28	98	8	28	5·97 & 1·52	..	0·72	8th branch channel ..	Do. ..	Do.
127	Do. ..	Sinnanaynee	47	200	..	..	..	..	3·7, 3·9 & 5·5	1·33	..	Do. ..	Do. ..	To be left as it is.
128	Do. ..	Perianayanee	54	219	..	..	..	..	2·5, 3·4 & 6·9	4·96	..	Sluice at 28 mile 4 furlongs ..	Bad ..	To be maintained.
129	Do. ..	Valayamithan	47	192	..	..	73	..	3·5, 7, 6·35 & 5	1·79	..	8th branch channel ..	Good ..	To be left as it is.
130	Do. ..	Valaiyankulam	126	440	..	..	17	5	4·7, 6·6 & 4·62	1·68	..	Perianayanee	Bad ..	Do.
131	Thuyaneri ..	Peria Kammoy	84	232	..	..	18	..	9	2·35	..	No means of irrigation being between inam tanks.	Do. ..	Do.
132	Do. ..	Chinna Kammoy ..	4	15	..	..	10	..	6	0·87	..	Do. do.	Do. ..	Do.
133	Arumbanur ..	Arumbanurkulam ..	121	420	..	..	76	..	9	9·92	..	8th branch channel ..	Do. ..	To be maintained.
134	Do. ..	Sembikulam	..	..	16	..	6	..	3	..	0·26	Do. and sluice at 28 miles 4 furlongs.	Do. ..	To be abandoned.
135	Do. ..	Pudukulam or Peekulam* ..	..	..	28	97	45	..	5	..	3·26	By No. 133	Do. ..	Do.
136	Pudupatty ..	Periakulam .. .. }	124	435	..	..	123	..	·6 & 9	16·07	..	Sluice at 5th mile .. }	Do.	To be maintained, and made into one.
137	Do. ..	Chinnakulam .. .. }										9th branch channel .. }		
138	Mangalakudy ..	Mangalakudy Kammoy ..	130	477	..	..	67	..	9	8·75	..	Do.	Good ..	To be maintained.
139	Uttangudy ..	Uttangudikulam ..	353	1,104	..	..	161	..	8·96 & 8·75	20·92	..	Do.	Do. ..	Do.

140	Do. ..	Pulanadikulam or Puvadi tank.	..	..	4	13	10	..	4	..	0·58	Uttangudi tank	Do. ..	To be abandoned.
141	Vandiyur ..	Vandiyur tank	973	3,768	..	..	578	..	10 & 11	92·19	..	9th branch channel, Corambu channel, Vaigai river.	Do. ..	To be maintained.
142	Do. ..	Mayadan Kammoy or Mathikattinunkulam.	..	..	35	..	60	..	4·00	..	3·48	Vandiyur tank	..	To be abandoned.
143	Mangolam ..	Periakeerani	..	..	43	150	21	..	3, 2·9 & 3	..	0 91	9th branch channel sluice at 28 miles 4 furlongs.	Bad ..	Do.
144	Do. ..	Sinnakeerani	..	..	23	80	9	..	3·5 & 4·12	..	0·54	Do. do. ..	Do. ..	Do.
145	Do. ..	Thabanorindal	..	..	14	50	..	..	3·95 & 4	..	..	9th branch channel.. ..	Do. ..	Do.
146	Do. ..	Mariserikulam	..	..	15	38	10	..	4·15 & 3·45	..	0·60	Do. ..	Do. ..	Do.
147	Do. ..	Thukkaikulam or Thurkaikulam.	..	..	50	177	17	..	7·4 & 3·2	..	1·82	Do. ..	Good ..	Do.
148	Do. ..	Mudavambukulam ..	..	..	61	215	17	..	1.8, 2 8 & 4·5	..	1·11	Do. ..	Bad ..	Do.
149	Do. ..	Naryirian Kammoy or Elanjinan Kammoy.	..	..	..	..	..	..	..	..	..	Do. ..	Do. ..	Do.
150	Do. ..	Konavaindal	..	..	..	..	..	..	3·03	..	..	....	..	Do.
151	Do. ..	Periakammakulam ..	..	..	23	..	..	..	..	..	..	9th branch channel ..	Bad ..	Do.
152	Do. ..	Paryanthungi	..	..	26	84	22	..	3·8, 5·7 & 3·8	..	1·82	Do. ..	Do. ..	Do.
153	Ilangudi ..	Pudukulam	..	..	53	131	37	..	3·8 & 5·25	..	2·82	New sluice at 3 miles 3 furlongs, 9th branch channel and Chittampatty offtake.	Do. ..	Do.
154	Do. ..	Periyakulam	78	199	..	..	55	..	4·6, 4·4	3·67	..		Do. ..	To be maintained.
155	Do. ..	Chinnakulam							4·3 & 3·5					
156	Arumbanur ..	Kanjirangulam	..	..	42	124	37	..	5·37, 4·7	..	3·22	New sluice at 3 miles 3 furlongs, 9th branch channel.	Good ..	To be abandoned.
157	Do. ..	Thottichikulam	..	..	43	152			1·, 2·6, 4·4 & 4·9				Do. ..	Do.
158	Thamarapatty..	Kallathikulam	..	..	48	169	19	64	4, 5·6 & 5·2	..	1·60	Kunnathur offtake ..	Do. ..	Do.
159	Do. ..	Puliyadithan or Pulikadithan.	..	..	40	41	31	69	0·89 & 0 63	..	0·28	Sluice at 0 mile 2 furlongs, 9th branch channel.	Bad ..	Do.
160	Do. ..	Uppurani	..	..	14	28	..	..	..	..	..	Kunnathur offtake ..	Do. ..	Do.
161	Do. ..	Vannangulam	..	..	30	..	29	47	2·3, 4·8, 3·30 & 1·73	..	2 05	Do. ..	Good ..	Do.
162	Do. ..	Pedariaindal	48	161	..	..	50	31	1, 1 & 3·75	2·72	..	Do. and Chittampatti.	Bad. ..	To be maintained.
163	Do. ..	Kalliyankulam	..	..	..	..	20	82	4, 3·2 & 3·8	..	1·21	Do. do.	Good ..	To be abandoned.
164	Do. ..	Peekulam	..	..	40	..	8	65	2·5 & 1·2	..	0·31	Do. do .	Bad ..	Do.
165	Do. ..	Pulinimuthan	70	242	..	..	32	..	3·7, 4·8 & 3·4	2·23	..	Kunnathur offtake ..	Do. ..	To be maintained.
166	Do. ..	Navakundoo ..	..	..	8	28	4	71	3·3	..	0·22	Chittampatti offtake ..	Good ..	To be abandoned.
167	Do. ..	Peria Thamarapattykulam.	..	..	56	193	10	..	5·15	..	0·75	Do. ..	Bad. ..	Do.
..	Do. ..	Chinna Thamarapattykulam.	..	..	..	..	7	34	4·51	..	0·48			
168	Do. ..	Anyakulam	..	..	17	60	13	34	3·35	..	0·64	Do. ..	Do. ..	Do.
169	Do. ..	Athikulam	..	..	35	87	18	74	4, 3·25, 4 1&3·79	..	1·11	Do. ..	Do. ..	Do.
170	Do. ..	Thottichiaindal ..	..	..	32	..	9	..	4·11	..	0 53	...	..	Do.
171	Do. ..	Muthukonanaindal ..	6	..	..	..	..	..	3·51	..	..	....	..	Required for drinking purposes.
172	Do. ..	Kodikulam	..	..	45	156	19	10	5·27 & 3·62	..	1·46	Kunnathur offtake	Bad ..	To be abandoned.
173	Do. ..	Theruvanodappu ..	..	..	44	185	8	72	3·49	..	0·44	Do. ..	Do. ..	Do.
174	Do. ..	Periyakadambangudy ..	56	193	..	..	37	..	4·99 & 3·25	2·68	..	Do. ..	Good ..	To be maintained.
..	Do. ..	Chinnakadambangudy ..	..	..	..	..	6	..	2, 7·6 & 3·82	..	0·33	....	..	Do.
175	Do. ..	Moohoonuthy	..	..	27	69	14	..	4·48 & 3·1	..	0·91	Kunnathur offtake	Good ..	Do.
176	Do. ..	Mananalam	..	..	..	..	17	12	3·05	..	0·76	Do.	Do. ..	Do.
177	Do. ..	Kattakarupana aindal ..	..	..	6	22	17	..	2·45	..	0·60	Do.	Bad ..	Do.
178	Do. ..	Vahanan Kammoy ..	..	..	19	63	17	53	2·25	..	0·57	Do.	Do. ..	Do.
179	Do. ..	Sengolam	..	..	4	9	13	4	2·00	..	0·39	Do.	Do. ..	Do.
180	Do. ..	Pottaloorani	..	..	8	20	7	65	3·7	..	0·41	Do.	Do. ..	Do.

Statement containing proposals for abandoning or maintaining Periyár affected tanks, Madura taluk—cont.

—	Name of village.	Name of tank.	Tanks to be maintained or left as it is. Wet ayacut.	Revenue.	Tanks to be abandoned. Ayacut.	Revenue.	Area of water-spread. Acres.	Cents.	Depth of water above sill level to F.T.L.	Approximate capacity of tanks in millions. Maintained or left as it is.	Abandoned.	Means to irrigate the lands under the tank.	State of bund of tanks.	Remarks.
			ACS.	RS.	ACS.	RS.								
181	Thamarapatty	Chinnaoorani	..	..	13	30	6	..	2·50	..	0·22	Kunnathur offtake	Bad	To be maintained.
182	Do.	Nelliaindal	80	280	..	..	59	..	2·5,2·6,3·7 & 2·7	3·17	..	Do.	Do.	Do.
183	Do.	Chinna Nelliaindal	..	..	26	51	..	..	..	..	..	Do	Do.	To be abandoned.
184	Do.	Chittangulam	34	119	..	..	29	36	4·7 & 4·5	2·00	..	Do.	Do.	To be left as it is.
185	Do.	Vanathollam	34	119	..	..	15	44	5 & 4·6	1·12	..	9th branch channel	Do.	Do.
186	Rajakumberam.	Periakulam	..	..	..	..	..	..	..	..	..	....	..	To be abandoned.
187	Kottangolam	Kottangolam	..	..	18	..	33	53	4·47	..	2·17	Kunnathur offtake	Bad	Do.
188	Tamarapatty	Adanakurichi or Arunakunchi.	..	..	30	106	24	62	2·75	..	0·98	Do.	Do.	Do.
189	Elangipatty	Elangiaindal	..	..	41	163	28	24	2·98	..	1·22	Do.	Do.	Do.
190	Do.	Sengolam	..	..	53	100	39	10	3·79	..	2·15	Do.	Do.	Do.
191	Nattamangalam.	Sinna Kammoy / Periya do.	147	458	..	..	70	..	2·81 / 6·6	6·70	..	Do.	Good	To be maintained.
192	Kagakkoor	Achankulam	450	1,055	..	..	100	55	7·5 & 3·37	10·94	..	Do.	Do.	Do.
193	Do.	Rajakkur	..	..	200	460	41	50	5·7	..	3·43	Nattumangalam Periya Kammoy.	Bad	To be abandoned.
194	Do.	Kallavottan	..	..	..	..	41	50	2·63	..	1·58	....	..	Do.
195	Do.	Parayankulam	250	575	..	..	104	16	2·7 & 4·7	7·10	..	Achangolam	Bad	To be maintained.
196	Do.	Narivalodai *	..	..	26	..	16	..	..	..	..	Do.	..	To be abandoned.
197	Varichiyur	Varichiyur	555	2,300	..	..	269	..	6·37 & 3·81	24·85	..	Kunnathur and Chunambur offtake.	Bad	To be maintained.
198	Kunnathur	Kunnathur tank	715	3,913	..	..	1,062	..	10	154·20	..	Kunnathur and Corambu channel by river.	Do.	Do.
199	Thirumugur	Thalathamarakulam	172	675	..	..	127	2	8·6 & 8·35	15·88	..	Kunnathur offtake and 9th branch channel.	Do.	Do.
200	Do.	Veerankulam *	..	..	3	..	15	..	..	..	..	Thalathamarakulam	Do.	To be abandoned.
201	Do.	Solamarakulam *	..	..	1	..	..	..	..	..	..	Do.	..	Do.
202	Thindiyur	Thindiyur	124	350	..	..	70	75	3·3,6·1 & 2·9	6·27	..	Kunnathur offtake and 9th branch channel.	Bad	To be maintained.
203	Do.	Menatchikulam *	..	..	3	..	..	..	..	..	..	Do.	Do.	To be abandoned.
204	Do.	Alathur	183	406	..	..	83	26	3·21 & 3·15	3·88	..	9th branch channel and Thindiyur.	Do.	To be maintained.
205	Kalikuppun	Suragudy	..	..	11	..	34	37	2 87	..	1 43	Do.	Do	To be abandoned.
206	Do.	Pudu Kammoy	..	..	74	236	79	97	2·8 & 3·8	..	4·41	Do.	Do.	Do.
207	Do.	Kalikappan Peria Kammoy.	99	329	..	..	79	97	3·5, 4 7 & 4·9	5·69	..	Do.	Do.	To be maintained.
208	Kalikudy	Periakulam	188	610	..	..	110	..	9·27 & 8·18	14·81	..	Corumbu channel and Elamanur Peria Kammoy.	Do.	Do.
209	Do.	Pudu Kammoy or Rengasamudram.	59	181	..	..	123	..	3	5·35	..	No means of irrigation	..	To be left as it is.
210	Do.	Andiodaikulam	..	..	65	..	19	..	4	..	1·10	Kolikundi Peria Kammoy	Bad	To be abandoned.

211	Vilathur ..	Vilathur	292	1,330	..	..	78	9	5·4, 4 & 3·6	6·19	..	Kunnathur offtake ..	Do. ..	To be maintained
212	Pollapanayur ..	Pottapanayur	256	703	..	..	88	..	6·2 & 3·68	7·92	..	Vilathur	Do. ..	Do.
213	Elamanur ..	Elamanur Peria Kammoy ..	193	498	..	..	201	..	7·5	21·89	..	Papagudi offtake	Do. ..	Do.
214	Do. ..	Do. Pudu Kammoy ..	..	..	38	78	30	..	5	..	2·18	Do.	Do. ..	To be abandoned.
215	Poolampatty ..	Poolampatty	..	..	11	..	8	..	3·18	..	0·37	Chittampatti	Do. ..	Do.
216	Do. ..	Tanaram or Tharinsonakangolam.	..	..	32	58	14	39	3·9 & 1·7	..	0·82	Do.	Do. ..	Do.
217	Do. ..	Periakumalangolam and Chinnakumalangolam.	..	..	55	136	32	..	3·85	..	1·79	Marani	Do. ..	Do.
218	Do. ..	Sengapenaindal ..	..	..	8	20	13	34	3·47	..	0·67	Chittampatti offtake ..	Do. ..	Do.
219	Do. ..	Chinnakurmulagiri ..	..	..	12	31	4	..	3·25	..	0·19	Kunnathur offtake ..	Do. ..	Do.
220	Do. ..	Maruchikatty	..	..	..	..	..	..	..	..	..	Chittampatti offtake ..	Do. ..	Do.
221	Do. ..	Periakurumilakudikulam ..	..	..	66	154	19	..	3·85	..	1·06	Kunnathur offtake ..	Do. ..	Do.
222	Vilachikulam ..	Kallikulam	..	..	16	58	10	38	2·48	..	0·37	Marani tank	Do. ..	Do.
223	Do. ..	Vilachikulam	..	..	66	208	20	92	2·55 & 3·1	..	0·94	Do.	Do. ..	Do.
224	Therukani ..	Therukani Kammoy ..	255	731	..	..	67	47	5·2 & 4·01	5·10	..	Chittampatti	Do. ..	To be maintained
225	Do. ..	Soman Kommoy or Somasikulam.	..	..	86	219	23	33	3·17 & 2·78	..	1·07	Therukani tank	Do. ..	To be abandoned.
226	Do. ..	Kanjirangolam	..	..	68	156	11	98	2·58 & 2·2	..	0·45	Do.	Do. ..	Do.
227	Varachaneri ..	Kuttakulam	..	..	70	211	19	94	2·4 & 3·7	..	1·07	Do.	Do. ..	Do.
228	Do. ..	Sundranallur	..	..	123	285	24	77	2·4, 3·6 & 3·8	..	1·37	Do.	Do. ..	Do.
229	Do. ..	Nedunkulam	..	..	55	152	23	24	3·7 & 2·8	..	1·25	Do.	Do. ..	Do.
230	Do. ..	Summallipuliyankulam ..	60	211	..	..	34	94	4 & 3·86	2·03	..	Do.	Do. ..	To be maintained and made into one tank.
231	Do. ..	Varachaneri Kammoy ..	66	166	..	..	39	90	3·8 & 6·8	3·94	..	Do.	Do. ..	
			15,494·83	66,043	5,858	17,449	3,189 8,663	13 49	..	1,230·22	236·79			
							11,852	62						

N.B.—Tanks (15 in number) marked * being small are not shown in the ayacut map.
(2) The ayacut and waterspread of some small tanks are not available at present.
(3) It will be seen that by abandoning the small tanks we loose only ·15 of our total storage.
(4) Out of 11,852 acres tank-bed only, 3,189 will be available for cultivation.

29th June 1896.

(Signed) T. W. S. SMYTH,
Executive Engineer on Special Duty.

No. 156 I.

Submitted for the sanction of Government.

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

31st July 1896.

ORDER—No. 710 I., dated 19th August 1896.

The proposals of the Superintending Engineer relative to the retention of some tanks and the abandonment of others under the influence of the Periyár main channel are approved. The proposals, it will be seen, are at present tentative and the arguments for their adoption forwarded by the Superintending Engineer appear to be both cautious and sound. The experience of two or more seasons only can give a cue to further action in this direction.

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Joint Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle, with two enclosures.
,, Examiner, Public Works Accounts.
,, Revenue Department.

Exd. T. K. Narayana Aiyangar.

No. 854 Ind. Office of Supg. Engineer 6th Circle
22 July 1896.

D/23

From.
W. Hughes Esqre.
Superintending Engineer 6th Circle
Trichinopoly.

To,
The Chief Engineer
for Irrigation, Madras

Sir,

Enclo: 3.
1. List.
* 2. Maps (to be kindly returned).

* Sent separately (Per Packet Post).

vide R 37 PR/96

As promised in my letter No. 580. M. D. dated 29th May 1896, I have the honor to submit for approval, a list of tanks commanded by the Periyar Main Canal in Madura Taluq with proposals for retaining or abandoning them.

2. While so little is known of the capabilities of the Periyar lake in a bad monsoon, it would be very rash to give up any tanks which can be economically maintained. Even after a good monsoon in which it may be expected that the lake will receive a large supply up to early in December it is very doubtful whether there will be a full supply for the irrigable area for more than two months after the cessation of the monsoon rains. Under such circumstances the water previously stored in the plains would be of great

assi

assistance in bringing the crops to maturity. The full demand in the North East Monsoon is taken by Col. Pennyemick at 1000 cft per second but this quantity cannot be given when the lake falls below level 121. It will certainly pay to economise the Peryar water which, if it can be properly utilized should be worth at least Rs 20 per million cubic feet. Keeping this in view the selection of the tanks to be maintained has been ~~so~~ made that all ordinary rainfall drainage will be caught up. The tanks - be given up will as a rule be those hich are small and shallow and in hich a great proportion of the supply uld be lost by evaporation. In exceptional ases, tanks which might otherwise given up are recommended to be etained when they are required as ood regulators or as distributing servoirs. If it is found that too any tanks are retained it will ways be possible to give up some.

Of the 231 tanks in the list it roposed to keep 80. The remaining irrigate only 5858 acres and an area of 3189 acres of which ing over 2000 acres will become available

available for cultivation - The loss of storage by the abandonment of these tanks is roughly estimated at 16 per cent but this will be in great measure recouped by the drainage going more directly to the larger tanks instead of being intercepted as now by small tanks.

4. The outlines of the present wet land have not been correctly drawn on the irrigation map. From the papers printed with G. O. No. 153 of 15th February 1892. it would appear that the occupied and unoccupied dry lands (waste and tank bed poramboke being excluded) are of nearly equal extent with the wet land.

5. From the experience of this year when the Periyar lake remained at the same level from 20th February to the middle of June it is clear that we cannot safely calculate on any supply in the hot weather and if water is to be supplied for seed beds in May it is a matter for serious consideration whether it will not have to be made a rule to reserve a certain quantity of water in the lake. It appears to me that if cultivation is not begun in May the ryots will have a difficulty in getting their first crop reaped before the N.E. monsoon rains. For some years

Rev G.O. (P.A. Sr. No 228 I of 8.3.92)

N.B.I
Please say if I may call for the orig. G.O. No 228
8.3.92

there will be no difficulty (unless when the monsoon fails) but in the future when the irrigation has extended it will be very advisable to have the means of sparing the Periyar water during the first three months of the year. The tanks in the Madura Talug would then be of great assistance and of the more importance as it is now thought that it will not be found advisable to keep more than 30 of the Melur tanks which are nearly all very small and shallow.

I have the honor to be
Sir
your most obdt. Servt.

W. Hughes.

Supg. Engineer
6th Circle.

CHIEF ENGINEER
FOR IRRIGATION.
2 JUL. 96
No. 63 ll

From,
The Supg Engineer
VI Circle

To
The Chief Engineer
for Irrigation

No: 854 Md.
Dt. 22 July 1896.

Encl: 3

41
26/7/96

...tches Commanded by
...iyar Main Canal
— Forwarding a list
———— with proposals
— retaining or abandoning
...

		Somasasunkulam or Sinna Kammoy	-		125	621	11	"	6.08	-	0.97	Through No. 11 Peria Kammoy.	"	To be abandoned
13	Nedunkulam	Pudukulam	108	454	"	"	} 51	"	3.64, 3.62	} 6.42	"	Thro: Vadagarai 11. Periyakulam tank.	"	To be left as it is.
14		Periyakulam	152	542	"	"		"	6.86, 6.87, 6.25			1st Branch chl. if restored.	"	To be maintained.
15		Rayappasamykulam	9	19	"	-	-	-	8.2	-	-	} No means as they are between Zeminder & Devastanam lands.	Bad	} To be left as it is.
16		Tamarikulam	9	18	"	-	13	59	7.0	1.38	-		Do	
7	Thiruvadagam	Kakkakulam		-	10	26	6	69	3.0	.	0.29	By 1st Branch Channel.	Do -	To be abandoned
18	Thenoor	Pudukulam.	21	65	"	"	40	-	4.3	2.49	-	No means of irrigating the ayacut.	Do	To be maintained.
19		Periyakulam	449	2526	"	"	198	"	6.13, 7.3, 5.3	20.96	"	Vadagarai tank 1st Branch chl. Korambu chl.	Bad at flank.	Do
20	Thodaneri	Peria Kammoy.	489	1620	"	"	254	"	7.66, 8.66 8.36	31.89	-	By No. 19 tank	Good	Do
21	Samayanallur	Potta Kammoy.	17.83	57	"	"	-	-	3.92	3.24	"	Korambu chl.	Good.	To be left as it is.
22		Arasangulam.	97	523	"	"	112	"	6.08, 6.86, 7.60	12.34	"	No. 19 Tank	Do	To be maintained.
23	Paravai	Vangulam.		-	108	270	27	-	5.94	-	2.33	No. 19 + 20 Tanks	Bad	To be abandoned
			4148.83	23764	911	4284	347 1122	89 57		375.28	34.03			

			41488	23764	910	4284	3477 / 1622	8 / 57		375.28	4.03			
24		Peria Kammoy.	385	1720	"	"	356	"	8.5, 14.52, 11.48	74.95	"	No. 22 + 20 tanks & Coramboo chl.	Good.	To be maintained.
25		× Vannankulam.	-	-	19	46	15	-	4.5		0.98	Through No. 24	Bad.	To be abandoned.
26	Srinayelandakulam	Kodankulam.			36	161	7		6.98		0.71	Sluice at 16 m. 7 fur.	Good	Do.
27		Vattamaniakaranculam			38	132	30		7.47		3.47	Do.	Bad	Do.
8		Srinammakulam.			29	104	17		6.18		1.53	Do.	"	Do.
9	Kallinelipatty.	Iraniammakulam.			50	174	44		5.15		3.29	Sluice at 15 m.	"	Do.
	Athalai	Athalai tank	230	976	"	-	107	"	10.9, 11.04	17.13	-	By 3rd Branch Channel.	Good	To be maintained
1	Potthoombu	Potthoombu Mela Kammoy.	230	722	"	-	79	"	9.35, 5.35.	10.71	-	Athalai tank	Do.	Do.
2		Potthoombu Keela Kammoy.	177	1025	"	-	171	-	9.32, 9.82, & 6.97.	24.35	-	By 4th Branch Channel.	Bad	Do.
33.	Koilpapagoody	Pappagudi Srina Kammoy.	-	-	186	831	111		5.75, 7.25		11.67	Potthoombu Keela Kammoy	Do.	To be abandoned
34		Papagoody Periya Kammoy.	329	1517	"	-	148	"	9.66, 8.66	20.73	-	Athalai tank	Do.	To be maintained.
5	Sallyaneri	Sallyaneri tank	178	629	-	-	91	.	8.66, 5 + 10	13.20		Potthoombu Keela Kammoy	Do.	Do.

No.	Village	Tank										Source	Condition	Remarks
	6	12 #	5	4	4	4	4	4	7	4	4	14	5	8 9
	Ilangudi –	Kanselkulam			129	373	62		5.75, 4.75		5.17	Do	Good	To be abando[ned]
37		Periakulam –	284	968	–	–	128	–	5, 2.6, 6.72, 7.8	14.48	.	Papagudi Peria Kanmoy & Paravan tank	– Do –	To be maintained
38	Vilangudi	Sekkankulam	55	215	–	–	13	–	5.16	0.98		Vilangudi Periakulam & Corambu chl. by river.	Good	To be left as it is
39	Kallanai	Kallanai East Tank			153	467	83	–	5.5		8.42	By sluice in main chl. & – Do – 4th Br. chl.	Bad	To be abandoned as tank bed is mostly patta land.
40		Kallanai West Tank			147	313			4.5, 7.26					
41		Peckulam or Sadukulam			21	41	5		4		0.29	By 4th Branch channel –	Do	To be abandoned.
42		Kasanni			46	101	43		4.4		2.75	3rd & 4th Branch channels –		—— Do ——
43		Malyaman Ooranny			16	33	10		3		0.43	By sluice in main chl.	Bad	—— Do ——
44		× Chinna Ooranny –			3									—— Do ——
45	Kumaram –	Kumaram tank	86	309	–	–	61	–	6.7	5.93		4th Branch channel –	Good	To be maintained
46	Kannalapatty	Kannalapatty tank			103	312	13		7.5		1.43	Sluice in main chl.	Do	To be abandoned
47	Thandalai	Thandalai Kanmoy	263	1406	–	–	120		8.2, 11.75	20.45		Thandalai offtake.	– Do –	To be maintained
48	Maniangi	Maniangi tank.			73	210	23		9		3.00	4th Branch channel –	"	To be abandoned
49	Poodagudi	Poodagudi tank	243	1406	–	–	134		7.10, 5.	19.43		– Do – & Thandalai offtake.	– Do –	To be maintained
			6608.88	34659	1953	7382	826 3275	69 59		597.62	77.17			

			6608.33.34	659.	1953	7582	826 3275	69 59		597.62	77.17			10
50	Mulakaranai	Mulakaranai Kanmoy			81	260	63		7		6.40	4th Branch Channel.	Bad.	To be abandoned
51.	Anaiyur	Anaiyur Kanmoy	124	548	"	"	140	8	9	18.37	-	Do - through No 35	Good.	To be maintained.
52		Kollangulam.			43	146	31	11	4, 3.5		1.81	Thandalai offtake & Anaiyur Tank.		To be abandoned
53		Kosakulam.			47	227	48	.	4, 6, 4.5		4.18		Do	Do
54		Pudukulam					18.		4		1.04	Mayur Tank.	Do	Do
55		Mudakattangulam			29	73	18		5.5		1.44		Do	Do
56		Chinna Kanmoy.					6		4		0.35		Do	Do
57	Thathaneri	Thathaneri tank	355	992	-	-	153	.	5, 7.5, 6.5.	16.64	-	Vilangudi & Anaiyur tanks	Do	To be maintained.
58	Sellur	Sellur Kanmoy.	185	945			117	.	3, 7, 8.6	14.59		Thathaneri boranbu chl. by Vaigai.	Do	Do
59	Kulamangolam	Kulamangolam Kanmoy.	242	1043	-	-	128	-	7.5, 8.75.	16.24	..	Thandalai tank & offtake	Do	Do
60		Peria Elambur			78	240	34		3		1.48	Kulamangalam & Thandalai offtake.	Bad	To be abandoned.
61		Sinna Elambur			32	79	27		5		1.96	Do	Do	Do
62		x Arasapillai Undal			2	4	7		3		0.30	Do	Do	Do

X

	8	13 14	5	4	4	4	4	5	8	4	4	14	5	11 8
	Pechikulam.	Pechikulam		.	52	118	43		4, 5, 5·5		3·43	Thandalai offtake.	—do—	—do—
+		× Poosarikotthankulam			5	9	8		3·5		0·41	—do—	—do—	—do—
65		× Pidaran Oorani			2	4	4		4		0·23	—do—	—do—	—do—
61	Karunaniir.	Periakulam	215	760	-	-	9[illegible]	-	6, 8·5.	11·59	.	5th Branch Channel.	—do—	To be maintained
8		Chinna Kanmoy.			63	222	32		5, 6·5		2·76	Periakulam	—do—	To be abandoned
68	Therkupettiampatti	Thenithangulam			33	67	25		8		2·90	Proposed new sluice at 22.M	Good	—do—
69		× Vilathakandukulam			14									—do—
		Pungangulam.			50	146	35		8		4·06	—do—	Bad	—do—
71		Vannan kulam			28	56	27		4		1·57	—do—	—do—	—do—
72	Velichinatham	Kayammakulam			53	119	23		4		1·34	Vadankulam + 6th branch chl.	—do—	—do—
73		Puliangulam			43	87	25		6		2·18	6th Branch channel.	—do—	—do—
74		Menachipuram Kanmoy			58	116	23		7		2·34	—do—	—do—	—do—
75		× Sanmugam Pillai -kulam - - - -			2									—do—
76		Kavanur tank	168	445	-	-	44	.	5·5, 8	5·10	-	6th Branch chl.	Bad	To be maintained.
			7897·83	39392	2668	9555	1323 3951	80 67		680·15	117·35			

No.			7897.83	39392	2668	9555	1323-80 3951	67		680.15	117.35			172
77	Mandikulam	Mandikulam			120	305	32	.	3.5, 5.5		2.56	Karanair tank	Bad	To be abandoned
78		Valayampattikulam			31	77	39		6.5	"	3.68	"	Do	Do
79	Koolapandy	Pudukulam.	110	269	"	-	43	-	5.5	3.12	.	Karuvanur Periakulam	Do	To be maintained
80		Sakkarapondi	37	124	.	.	30	"	5, 85	3.70	.	Do	Do	To be maintained. No. 79 + 80 to be made into one.
81	Settikulam	Sambankudikulam			47	118	24		5, 4.5		1.74	Vidathakulam	Do	To be abandoned
82		Vidathakulam.	107	291	.	.	84	.	9	10.96	.	5th Branch Ch.	Do.	To be maintained
83		Settikulam			13	58	42		5.4		3.05	Do	Do	To be abandoned
84	Sathrathondampatty	Komalaikulam			11	22	9		4.5		0.59	6th Branch Ch.	Do	Do
85		Korankulam.			27	55	7		4, 4, 3.5		0.41	Do	Do	Do
86	Chinnapatty	x Pudukulam.			22	55	5		3		0.22	Do	Do	Do
87		Karayanakudikulam			74	213	20		7, 7.9		2.61	Do	Do	Do
88		Surakudikanmoy			19	37	7		3.5		0.35	Proposed new sluice at 25 miles 1 fur.	Do	Do
89	Periapatty	Kangaram Kanmoy			47	118	31		6 6		2.97	6th Branch Ch.	Good	Do
		x Pudukulam			3	10	1.		3		0.04	Do	Do	Do

91	Parapatty	Parapatty Kammoy	35	87	.	.	19	.	7	1·93	.	— Do —	— Do —	To be maintained one tank
92		Pudukulam.	124	345	.	.	65	.	4, 6, 3·5	5·66	.	— Do —	Do —	
93	Erukalnathan	Erukalanathan			72	172	36		5, 7·5		3·92	Parapatty Pudukulam.	— Do —	To be abandoned
94	Usilampatti	Usilampatti tank			59	149	33		4, 6, 6, 5		2·87	6th Branch Chl.	— Do —	— Do —
95	Kodimangalam	Kodimangalam Kammoy	114	382	.	.	77	.	5·7·6	7·82	.	— Do —		To be maintained
96	Mangampatty	Sinnakulam					16	22	4·1, 3·54		0·96	Proposed new sluice at 25 m 1 fur	Bad	To be abandoned
97		Periakulam			120	366	16	13	6·8, 2·97		1·59		Bad	— Do —
98		Peria Kammoy.					10	-	6·28, 2·28		0·91	Nambet.	— Do —	— Do —
99		Parachankulam			17		10	50	2·42, 3, 1·6		0·46	— Do —	— Do —	— Do —
100	Marundankulam	Andanerikulam	71	142	.	.	69	.	3·5, 3·4	5·00	.	No means of irrigation	— Do —	To be left as it is.
101		Maruthankulam	37	154	.	.	93	.	3·5	4·72	.	— Do —	— Do —	To be left as it is
102		Vangolam	10	25			27		8·5, 5	2·15		— Do —	— Do —	— Do —
103		Kodikulam	74	241			82		5·00	5·94		— Do —	— Do —	To be maintained
104	Thallakulam	Senbakakulam	17	44		.	27		4	1·57		— Do —	— Do —	To be left do.
			8633·83	41498	3358	[illegible]	1662 65 / 4567 67			73272	146·28			

			8633.83	4496	3353	11310	1662 65 4587	67		73272	14628			11
105	Thallakulam	Kunnaperichitank			36	72	30		4		1.74	Thirupalai offtake.		To be abandoned
106		Thirolanatthkam-moy-			9	19	33		5		2.39	— Do —	Bad	— Do —
107		Pudukammoy.			28	57	46		5		3.34	— Do —	— Do —	— Do —
108		Pappakulam.			9	20	50		4.5, 5		3.63	— Do —	— Do —	— Do —
109	Thallakulam.	Kozakulam.			45	103	62		5; 4.5		4.50	— Do — + Thandalai offtake	— Do —	— Do —
110		Kallukulam.			14	44	9		4		0.52	Thandalai offtake.		— Do —
111		Podarambu										— Do —		— Do —
112		Mahabali Oorany	5	.			14					Do		
113		Sengulam Tank			43	86	49		5		3.55	— Do —	Bad	To be abandoned
114		Valayankulam												— Do —
115		Thallakulam	91	298	.	.	77	.	6.00	6.69	.	— Do —	Good	To be maintained
116	Managiri	Managiri.	95	465	"	"	49	–	6.5, 7, 4.5	4.97		Thallakulam + Corambu chl.		To be left as it is
117	Thallakulam	4 Other Small tanks												To be abandoned

121	Kallandiri	Kannimarkulam	48	167	.	.	17	32	5, 4·6, 3·1	1·26	.	7th Branch Chl.	Good	To be left as
122		Kalkulam.			30	89	11	69	5·05, 3·31		0·86	— Do. —	Bad.	To be abandoned
123		Linnawandur			26	90	16	85	3·8, 2·1		0·93	Sluice in Thal-lakulam tank	— Do. —	— Do. —
124		Peria Amandur	89	311	.	.	33	23	5·1, 4·8, 7·1, 6·8, 2·85.	3·42	.	7th Branch Chl.	Good	To be left as
125		Pillayarkulam			31	108	7	60	3·5, 5·2, 3·7		0·57	Periawandur tank.	Good	To be abandoned
126		Kallandirikulam			28	98	8	28	5·97, 1·52		0·72	8th Branch Chl.	— Do —	— Do —
127		Sinnanayancc.	47	200	.	.	.	.	3·7, 3·9, 5·5	1·33		— Do —	— Do —	To be left as
128		Perianayancc.	54	219				.	2·5, 3·4, 6·9	4·96		Sluice at 28 M. 4 fur.	Bad	To be maintained
129		Valayamitham	47	192	"	"	73	.	3·5, 7·6, 35, 5	1·79		8th Branch Chl.	Good	To be left as
130		Valaiyankulam	126	440	.	.	17	5	4·7, 6·6, 4·62	1·68		Perianayancc.	Bad	— Do —
131	Thuyancri.	Peria Kamaoy.	84	232	.	.	18	.	9	2·35		No means of irrigation being between these tanks.	— Do —	— Do —
132		Chinna Kamaoy.	4	15	.	.	10	.	6	0·87	.	— Do. —	— Do —	— Do —
133	Arumbanir	Arumbanukulam	121	420			76		9	9·92		8th Branch Chl.	Bad	To be maintained
			944·83	444·55	364	1209	1[illegible]5 / 4[illegible]2	7 / 27		771·96	169·03			

			9444.83	44455	3649	12096	1985 / 1482	7 / 27		7796	16903			
134	Arumbanur.	Sembakulam.			16	-	[illegible]	.	3	-	0.26	8th Branch chl. & Sluice at 28 m. + 4 fur.	Bad	To be abando[ned]
135		x Pudukulam or Peekulam.			28	97	45	.	5		3.26	By No. 133	-Do-	-Do-
136	Pudupatty.	Periakulam. }	124	435	-	-	123	.	6, 9	16.07		Sluice at 5 mile 9th Branch chl.	-Do-	To be maint[ained] & made in one.
137		Chinnakulam }												
138	Mangalakudy	Mangalakudy Kanmay.	130	477	.	.	67	.	9	8.75		-Do-	Good	To be mainta[ined]
139	Uttangudi	Uttangudikulam.	353	1104	-	-	161	.	8.96, 8.75	20.92		9th Branch chl.	-Do-	-Do-
140		Pulanadikulam or Puvadi tank.			4	13	10		4		0.55	Uttangudi Tank.	Good	To be aband[oned]
141	Vandiyur	Vandiyur tank	913	3708	.	.	578		10, 11	92.19		9th Branch chl. Korambu channel Vaigai river	Good	To be maintain[ed]
142		Mayadankanmay or Mattukattiman-kulam }			35	-	60	.	4.00		3.48	Vandiyur Tank.		To be abando[ned]
143	Mangolam	Periakeerani.			43	150	21		3, 2.9, 3		0.91	9th Branch chl. Sluice at 28 m. 4 fur.	Bad	~~To be~~ Do
144		Sinnakeerani.			23	50	9		3.5, 44.12		0.54	-Do-	-Do-	-Do-

145		Thabanaindal			14	50	.	.	3·95, 4	.	.	9' Branch chl.	Do	Do
146		Marisarikulam			15	38	10	.	4·15, 3·45	.	0·60	Do	Do	Do
147		Thukkaikulam or Thurgaikulam			50	177	17	.	7·4, 3·2	.	1·82	Do	Good	Do
148		Mudavambakulam			61	215	17	.	1·8, 2·8, 4·5		1·11	Do	Bad	Do
149		Kanjiriam Kammoy or Elanjiriam Kammoy										Do	Do	Do
150		Konanaindal							3·03					Do
151		Periakammankulam			23	6						Do	Do	Do
152		Payanthangi			26	84	22		3·8, 5·7, 3·8		1·82	Do	Do	Do
153	Ilangudi	Pudukulam			53	131	37		3·8, 5·25		2·82	New Sluice at 3 miles 3 fur - 9' Branch chl. & Chittampatty offtake	Do	Do
154		Periakulam	78	199	.	.	55		4·6, 4·4	3·67			Do	To be maintained
155		Chinnakulam							4·3, 3·5					
156	Arumbanur	Kanjirangulam			42	124	37		5·37, 4·7		3·22	New Sluice at 3 m. 3 fur.	Good	To be abandoned
157		Thottichikulam			43	152			1, 2·6, 4·4, 4·9			9' Branch chl.	Do	Do
			11102·93	56438	4125	1363	2273 / 5735	7 / 27		913·56	18945			

							2293	7						
			1110253	50438	4125	13407	5935	27		913.56	18945			18
158	Thamarapatty	Kallathikulam			48	169	19	64	4, 5.6, 5.2	.	1.60	Kunnathur offtake	Good	To be aban…
159		Puliyadithan or Pulikadithan			40	41	31	69	0.89, 0.63		0.28	Sluice at 0 mile 2 fur. 9th Branch ch.	Bad	—do—
160		Uppurani			14	28	.	.	.	.	.	Kunnathur offtake	—do—	—do—
161		Vannangulam			30	-	29	47	2.3, 4.8, 3.30 1.73	.	2.05	—do—	Good	—do—
162		Pedari aindal	48	161	.	.	50	31	1,1, 3.75,	2.72	.	do + Chittampatti	Bad	To be maint…
163		Kalliyankulam	.	.	.	.	20	82	4, 3.2, 3.8,	.	1.21	—do—	Good	To be aban…
164		Peekulam	.	.	40	.	8	65	2.5, 1.2	.	0.31	—do—	Bad	—do—
165		Puliminuthan	70	242	.	.	32	.	3.7, 4.8, 3.4	2.23	.	Kunnathur offtake	—do—	To be maint…
166		Navakkundoo			8	28	4	71	3.3	.	0.22	Chittampatti offtake	Good	To be aband…
167		Peria Thamarapatty kulam			56	193	10	"	5.15	.	0.75	—do—	Bad	—do—
		Chinna Thamarapatty kulam			.	-	7	34	4.57	.	0.48			
168		Anyakulam			17	60	13	34	3.35		0.64	—do—	—do—	—do—

169		Atthikulam	.	.	35	87	18	34	4, 3·25, 4·1 3·79	.	[illegible]	Do	Do	Do
170		Thottichi-andal			32	"	9	"	4·11	"	0·53			Do
171		Muttukonam-andal	6	.	.	.	.	.	3·51			Do	Do	Required for drink-ing purposes
172		Kodikulam			45	156	19	16	3·62	.	1·4	Kunnattur Offtake.	Bad	To be abandoned
173		Theruvanodappu			44	155	3	72	3·49	.	0·44	Do	Do	Do
174		Periyakadambangudy	56	193			37	.	4·99, 5·25	2·68		Do	Good	To be maintained
		Chinna Do					6	.	2·76, 3·82		0·33			Do
175		Moekooruthy			27	69	14	.	4·48, 3·1		0·91	Do	Do	Do
176		Marangalam					17	12	3·05		0·76	Do	Do	Do
177		Kattakaruppana-andal			6	22	17	.	2·45		0·60	Do	Bad	Do
178		Valianan Kannoy			19	63	17	53	2·25		0·57	Do	Do	Do
179		Sengolam			4	9	13	4	2·00		0·39	Do	Do	Do
180		Pottaloorani			8	20	7	65	3·7		0·41	Do	Do	Do
181		Chinnaoorani			13	30	6	.	2·50		0·22	Do	Do	Do
			11282·83	51034	4611	14517	2571 6055	63 58		9211·9	20·72			

			11282·83	51034	4611	11456	2571/6055	63/58		92119	204·72			
182	Thamarapatty.	Velliandal	80	280	.	.	57	.	2·5, 2·6, 3·7, 2·7.	3·17	.	Do	Bad	To be maint
183		Chinna Velliandal	.	.	26	51						-Do-	-Do-	To be abando
184		Chittangulam	34	119	:	.	29	36	4·7, 4·5	2·00		-Do-	-Do-	To be left as
185		Varathottam.	34	119			15	44	5, 4·6	1·12		9' Branch Ch.	-Do-	-Do-
186	Rajakambeeram	Penakulam.												To be aband
187	Kottangolam	Kottangolam			18	-	33	53	4·47	-	2·17	Kunnattur offtake.	-Do-	-Do-
188	Tamarapatty.	Adanakunchi, or Arunakunchi			30	106	24	62	2·75		0·98	-Do-	-Do-	-Do-
189	Elangipatty.	Elangi andal			41	163	28	24	2·98		1·22	-Do-	-Do-	-Do-
190		Sengolam.			53	100	39	10	3·79		2·15	-Do-	-Do-	-Do-
191	Nattamangalam	Sinna Kammoy, Periya Kammoy	147	458	.	.	70	.	2·81, 6·6.	6·70	.	-Do-	Good.	To be maint
192	Kagakkoor	Achankulam	450	1055	.	.	100	55	7·5, 3·37	10·94	.	-Do-	-Do-	-Do-
193		Ryakkur.	.	.	200	460	41	50	5·7	-	3·43	Nattamangolam Periya Kammoy	Bad	To be abandon
194		Kallarottan	-	-	.	.	41	50	2·63		1·58			-Do-

195		Parayankulam	250	575	.	.	104	16	2.7, 4.7.	7.[illegible]		Achangolam		To be m[illegible]
196		x Karivalodai.			26	"	16	-				— Do. —		To be abandoned X
197	Varichiyur.	Varichiyur.	555	2300	.	.	269	.	6.37, 3.81	24.85		Kunnathur & Chunambur Offtake.	— Do. —	To be maintained
198	Kunnathur.	Kunnathur Tank.	715	3913	.	.	1062	.	10	154.20		— Do. — & Koramba Cht. by river.	— Do. —	— Do. —
199	Shenmugur	Thalathamara-kulam.	172	675	.	.	127	2	8.6, 8.35	15.88		Kunnathur Offtake and 9th Branch Cht.	— Do. —	— Do. —
200		x Veerankulam			3	.	15	.				Thalathamara-kulam.		To be abandoned
201		x Solamarakulam			1	-						— Do. —		— Do. —
202	Thindiyur	Thindiyur	124	350			70	75	3.3, 6.1, 2.9	6.27		Kunnathur Offtake & 9th Branch Cht.	- Do. -	To be maint[illegible]
203		x Menatchikulam			3	.						— Do. —	— Do.	To be aband[illegible]
204		Alathur.	183	406	.	.	83	26	3.21, 3.15	3.88		9th Branch Cht. & Thindiyur.	- Do. -	To be mainta[illegible]
205	Kalkappan	Suragudy.			11	"	34	37	2.87		1.43	— Do. —	— Do.	To be abando[illegible]
206		Pudu Kanmoy			74	236	79	97	2.5, 3.8		4.41	— Do. —	Bad	— Do. —
207		Kalkappan Periakanmoy	99	329	.	.	79	97	3.5, 4.7, 4.9	5.69		— Do. —	— Do.	To be mainta[illegible]
208	Kolikudy	Periakulam	188	610	.	.	110	.	9.27, 8.18	14.81.		Koramba Cht. & Elamanur Periakanmoy	— Do. —	— Do. —
			1313.83	6223	5947	5683	2916 / 8035	46 / 9		1177.80	222.09			

			14312.83	62223	5097	15083	2916 8935	46 9		1177.80	222.09			
209	Kolikudy.	Pudukammoy or Rengasamudram	59	181	-	.	123	-	3	5.35		No means of irrigation.		To be left as it is.
210		Andeodaikulam			55	"	19	-	4		1.10	Kolikudi Periakammoy	Do.	To be abandoned
211	Vilathur.	Vilathur	292	1330	-	-	78	9	5.4, 4, 3.6	6.19	.	Kunnathur offtake.	-Do.-	To be maintained
212	Pollapanayur	Pottapanayur	256	703	.	-	88	.	6.2, 3.68	7.92	.	Vilathur.	-Do.-	-Do.-
213	Elamanur	Elamanur Periakammoy	193	498	.	.	201	.	7.5	21.89		Papagudi offtake.	-Do.-	-Do.-
214		Elamanur Pudukammoy.			38	78	30	-	5		2.18	-Do.-	-Do.-	To be abandoned
215	Poolampatty.	Poolampatty.			11	"	8	-	3.18		0.37	Chittampatty	-Do.-	-Do.-
216		Tanaiyar or Thanig Sinakangolam			32	58	14	39	3.9, 1.7		0.82	-Do.-	-Do.-	To be abandoned
217		Periakanalangolam Chinna -Do.-			55	136	32	"	3.85		1.79	Uracalai	-Do.-	-Do.-
218		Sengapam andal			8	20	13	34	3.47		0.67	Chittampatty Offtake.	-Do.-	-Do.-
219		Chinnakurmalagai			12	31	4	"	3.25		0.19	Kunnathur Offtake.	-Do.-	-Do.-
220		Manichikatty.										Chittampatty Offtake.	-Do.-	-Do.-
221		Periakanmilekuruthalamoy.			66	154	19	.	3.85		1.06	Kunnathur Offtake.	-Do.-	-Do.-
222	Vilachikulam	[illegible]			16	57	[illegible]	[illegible]	[illegible]			[illegible]		

224	Therukani	Therukani Kammoy	255	731	.	.	67	17	5·2, 4·01	5·10		Chittampatty	-do-	To be mai[ntained]
225		Soman Kammoy or Somasikulam.			86	219	23	33	3·7, 2·78	.	1·07	Therukani tank.	-do-	To be aban[doned]
226		Kanjirangolam			68	156	11	98	2·58, 2·2		0·45	-do-	Bad	-do-
227	Varachaneri.	Kattakulam.			70	211	19	94	2·4, 3·7	.	1·07	-do-	-do-	-do-
228		Sundaranallur			123	285	24	77	2·4, 3·6, 3·8	.	1·37	-do-	-do-	-do-
229		Nedunkulam.			55	152	23	24	3·7, 2·8	.	1·25	-do-	-do-	-do-
230		Sammalipulinkulam	60	211	.	.	34	94	4, 3·86	2·03		-do-	-do-	To be main[tained]
231		Varachaneri Kammoy	66	166	.	.	39	90	3·8, 6·8	3·94		-do-	-do-	and mad[e] one tank
			15494.83	66643	5858	17449	3189 8663 11852	13 49 62		1230.22	236.79			

N. B. Tanks (15 in number) marked X being small are not shown in the Ayacut m[ap]

(2) The ayacut and water-spread of some small tanks are not available at prese[nt]

(3) It will be seen that by abandoning the small tanks we loose only ·15 of our total sto[rage]

(4) Out of 11852 acres tank bed only 3189 will be available for cultivation.

(Signed) J. W. Smyth
Executive Engine[er]
29-6-96. on Special d[uty]

(True copy)

W. Hughes.
Supt Engineer
6th Circle.

22.7.96.

No 1788 9/8-0

Memo

With reference to lette
No 580 M.D. dated 29th May
from the Supg Engr VI Cir
the undersigned has
the honor to say that
as the Estimates sanction
for the Periyar proje
do not provide for the
restoration of tanks
which it is intended to
retain under the proj
it seems necessary that
their restoration should
carried out from Provincia
funds under 43 Minor W
& Navigation - But be
deciding finally on the
incidence of the expen
-ture the Supg Eng
is requested to repor
the probable cost of re
the tanks their prese
and anticipated e
2 It has been decided
the case of the Rushik
project that the Cos
Ne

…n for cultivation
should be debited to
"Land Revenue" and
the same course will
have to be adopted also
in the case of the Periyar
project.

JJ
8/6

Recd
8/6/96

The S. E. V I Circle

R 37 P.O./96

.02
recd 8/6/96

...n for cultivation
should be debited to
"Land Revenue" and
the same course will
have to be adopted also
in the case of the Periyar
project.

[initials] 8/6

Recd 8/6/96

The S.E. VI Circle

102
Recd 8/6/96

R37 P.Q./96

No. 580 md,

OFFICE OF THE SUPERINTENDING ENGI

CIRCLE,

Trichinopoly, 29 May 1896.

D 30/-

FROM

W. Hughes Esqr

~~THE~~ SUPERINTENDING ENGINEER,

6th CIRCLE.

TO

THE CHIEF ENGINEER,

for Irrigation.

SIR,

ENCLOSURES.

It has become necessary to lay down some definite rule for the classification of estimates for works affected but not entirely superseded by the Periyar works - Hitherto, in the case of tanks through which the main canal passe estimates for the repair of such tank for the reconstruction of sluices in th or construction of sluices in lieu of pot sluices have been carried o from Provincial Irrigation funds. approved of this classification in yo No $\frac{11}{6PR}$ dated 3rd September 1892 in a cular case referred to you and yo orders have been held to apply to similar cases.

2 - Of the 1000 and odd in the area affected by the probably one fourth will be In connexion with the tan

...ned since the bunds cannot
... cut through and drainage allowed
to pass over the irrigated land, the
surplus works will have to be breached
and the outfall channels deepened
or in some other way the tank
beds laid partly dry and made
available for cultivation. Should
the expense of this be charged to the
Project?

3. In the case of tanks to be
retained it has to be considered that
the present supply of these tanks is
being interfered with as little as
possible and in most cases it will
be improved by the abandonment
of the small tanks in their drainage
basins. The Periyar water will
supplement the supply as far as
required and there will therefore be
some extension of irrigation under
the tanks. Also as the supply will
... more certain the assessment
...ill be raised, except in the case
...me tanks now supplied from
... river, and the increase of
...ssment credited to the Project.
... other hand it does not seem

Read 2

right to charge the project with the
cost of putting in order all these
tanks which, except the more
important ones affecting the safety
of the S. I. Railway, have been
systematically neglected for many
years under the idea that they would
be all or nearly all abandoned. I
hope to submit very shortly a list of
tanks in the Madura taluq which
it is considered advisable to re[illegible]
and if possible I shall get a[illegible]
estimate of the probable cost of p[illegible]
them in order. I think these [illegible]
should be put into thorough [illegible]
from Provincial funds by g[illegible]
made from time to time as it [illegible]
found practicable to take up t[illegible]
work.

I have the honor to be
Sir
Your most obedient serv[illegible]

W. Hughes.
Supt. Engr. [illegible]

CHIEF ENGINEER
FOR IRRIGATION.
1 JUN. 96
No. 3 7PR

P. W. D. 6th CIRCLE.

FROM

THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

TO

THE CHIEF ENGINEER,

for Irrigation

[o]. 580md

9/30 } May 1896.

Enclosures.

[...]ification of estimates
[fo]r works affected by the
[...]iyar works: —
Requesting instruc-
[ti]ons on the —

[...]w 8-3
[...]2684/86

Periyar Project.

Containing proposals for abandoning or maintaining Periyar

...a tanks, Madura Taluq.

...e of ...ge.	Name of tank.	Tanks to be maintained or left as it is.		Tanks to be abandoned.		Area of water spread.		Depth of water above sill level to F. T. L.	Approximate capacity of tanks in millions.		Means to irrigate the lands under the tank.	State of bund of tanks	Remarks.
		wet ayacut	Revenue.	ayacut	Revenue	acre	cent		maintained or left as it is.	abandoned			

1	Karupatty	Poolumadai			96	606	34	"	1237.83	22.01	1.72		Bad	To be abandoned
2		Odaikulam		-	49	355	21	.	3.0	.	0.91	By sluices		Do
3		Karupattikulam			24	175	11		3.5		0.56	By Vadagarai Channel		Do
4	Irumbalai	Pudukulam			41	284	20	.	7.8		2.27		"	Do
5		Mandaikulam			62	398	14		6.0		1.22		"	Do
	Neerathan	Rengasamudram			8…	266	30		8.22, 8.1		3.58	By Sluice in the main Chl.	Good	Do
		Periyakulam			2?6	860	101		5.02, 7.35, 8.3, 8.46		12.39		"	Do
8		Pudukulam			85	346	70		3.46, 7.67		7.79	By No 7 tank	"	Do
9		x Sellikulam + Pudukulam			22	77								Do
10	Sholavandan Pettai Salakurichy	Vadagarai Kammoy	2,294	15,570	"	"	748	"	5.58, 6.87, 13.28, 16.48, 17.90, 9.41, 15.54, 17.02.	241.55	"	By Vadagarai Channel + 1st Branch Chl.	Bund good except in 3 places at centre.	To be maintained
11	Kottakolam	Periakulam	503	2370	"	"	246	"	11.65, 9.27 + 15.46.	55.01		By 2nd Branch channel.	Good.	To be maintained.
	8	13 #	5	4	4	4	4	4	47	4	4	14	5	8

CHIEF ENGINEER
FOR IRRIGATION.
2* JUL. 96
No. 63PR

Enclosure V

S.E. VI. Circle No:
856 dated 22-7-96

A

No 710 I. dated 19th August 1896

PUBLIC WORKS DEPARTM[ENT]

IRRIGATION BRANC[H]

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Supdg Engineer 6 Circle (HE No 580 MD dated 29 May 18[96]
To Do Do (HE No VI/17 PR " 8 June 1[896]
From Do Do (HE No 857 MD " 22nd July 1896)

No 156 I of 31. 7. 96

240

Submitted for the sanction of Government.

Order thereon.

The proposals of the Superintending Engineer relative to the retention of some tanks and the abandonment of others under the influence of the Periyar main channel are approved. The proposals, it will be seen, are at present tentative and the arguments for their adoption forwarded by the Superintending Engineer appear ~~[illegible]~~ to be both cautious and sound. The experience of two or more seasons only can give a cue to further action in this direction.

A. S. H. 8.8.96

11/8/96

30/7/96

AA 5.8.96

31/7/96

[T]he Chief Engineer for Irrigation
Supdg Engineer, 6 Circle with 2 [illegible]

P. W. CURRENT No. 7484

Tanks Commanded by
Periyar Main Canal
Enclos 6 (2 plans)
Recd: 18-8-96

The Hon. Mr. Grose. C.88

Issue
Rued 12/8

1-12-36 III

16·4·52 D6

29-5-62 / 6

8 2/90 / RH

~~1 87/90 RH~~

~~5098 / RH~~ / 90

5109 / 90 / RH